

Effect of Soy Oil and Its Components on  
Streptomycin Production, by T. B. Kazanskaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 3,  
1958, pp 561-.

Amer Inst of Biol Sci

Sci - Med

96,172

Lunar Periodicity in Spawning of Littoral and Upper-  
Sublittoral Invertebrates of the White Sea and Other  
Seas, by S. A. Mileikovskiy, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 3,  
1958, pp 564-.

Amer Inst of Biol Sci

Sci - Med

97,207

The Rate of Evolution in Lamnoid Sharks, by I. S  
Glikman, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 3,  
1958, pp 568.

Amer Inst of Biol Sci

Sci - Med

96,162

The Introduction of a Parasite With a Complex  
Life Cycle, *Bothriocephalus Gowkongensis* Yen,  
1955, During Acclimatization of Fish From the  
Amur River, by N. A. Malevitskaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 3,  
1958, pp 572-.

Amer Inst of Biol Sci

Sci - Med

96,175

The Formation of Streaming Fluctuations Behind  
a Solid Obstacle, by V. N. Arkhipov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,  
No 4, 1958, pp 620-.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol III, No 6

Sci - Phys  
Jul 59

91,839

The Stability of Cylindrical Shells From the  
Standpoint of the Mathematical Theory of  
Elasticity, by K. F. Voitsekhovskaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,  
No 4, 1958, pp 623-626.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol III, No 6

Sci - Phys  
Jul 59

91,813

On an Explosion in an Unbound Compacting Medium,  
by A. N. Romashov, V. N. Rodyonov, A. P. Sukhotin,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 4,  
1958, pp 627-.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol III, No 6

Sci - Phys  
Jul 59

91, 816

An Asymptotic Expression for the Eigenfunctions  
of the Equation of  $\Delta u + k^2 u = 0$  with Boundary  
Conditions on Equidistant Curves and the  
Propagation of Electromagnetic Waves in a  
Waveguide, by V. P. Maslov, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,  
No 4, 1958, pp 631.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol III, No 6

Sci  
Mar 60

119,050

The Radiation of a Point Charge Moving Uniformly  
Along the Axis of a Circular Hole in an  
Infinite Ideally Conducting Plane, by V.  
Bobrinev, V. Braginskiy, 3 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXIII,  
No 4, 1958, pp 634-636.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol III, No 6

Sci  
Mar 60

110,062

Calculation of a Lower Limit for the Explosion  
Efficiency Curve, by L. G. Bolkhovitinov, P. F.  
Pokhil, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,  
No 4, 1958, pp 637, 638.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol III, No 6

Sci

Mar 60

Range of Low-Energy Secondary Electrons in a Metal and  
the Role of Inelastically Reflected Electrons in  
Secondary Electron Emission, by I. M. Bronshteyn,  
R. B. Segal', 4 p.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXXIII, No 4,  
1958, pp 639-642.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol III, No 6

110,399

Sci  
Mar 60

Two Processes Leading to the Capture of Electrons  
Under Betatron Acceleration Conditions, by A. P.  
Komar, Yu. S. Korobochko, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,  
No 4, 1958, pp 643, 644.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol III, No 6

Sci

Mar 60

Raman Spectra of Complex Compounds Containing  $SbCl_3$   
and  $SbCl_5$ , by Sh. Sh. Raskin, 3 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 4,  
1958, pp 645-647.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol III, No 6

Sci  
Mar 60

110,400

On the Mechanism of Formation of Embryonic  
Cracks in Plastically Deformed Crystals,  
by V. N. Rozhanskiy,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII,  
No 4, 1958, pp 648-.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol III, No 6

Sci  
Mar 60

110, 401

Superfluid State of the Atomic Nucleus, by V. G.  
Solov'yev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 2,  
1958, pp 652-.

Amer Inst of Phys  
Sov ~~ENR~~ Phys - Doklady  
Vol III, No 6

Sci - Phys  
Jul 59

91,834

Experimental Investigation of the Statistical  
Characteristics of Flickering of a Terrestrial  
Light Source, by A. S. Gurvich, V. I. Tatarskiy,  
L. P. Tsvang, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,  
No 3, 1958, pp 655-9072924

4

CB

DRE ... T 326 R

Sci  
Feb 60

106,922

I

The Effect of Ultrasound on Various Proteins and Amino Acids, and Its Dependence on the Nature of the Gases Present, by I. E. El'piner, A. V. Sokol'skaya, x 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 4, 1958, pp 659-.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol III, No 6

Sci - Phys  
Jul 59

91,806

The Effect of Surface-Active Media on the Surface  
Hardening of Metals, by G. I. Epifanov, N. I.  
Glagolev, P. A. Rebindov, 4 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXXIII,  
No 4, 1958, pp 663-666.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol III, No 6

Sci - Phys  
Jul 59

91,817

Study of the  $K\beta_5$ -Band and the K-Absorption Edge  
of Metallic Nickel on Passing Through the Curie  
Point, by V. A. Kazantsev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,  
No 4, 1958, ~~XXXXXX~~ pp 667-670.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol III, No 6

Sci - Phys  
Jul 59

91,818

High-Temperature Impulse Light Source, by A. A.  
Mak, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,  
No 4, 1958, pp 671-

Amer Inst of Phys  
Sov Phys - Doklady  
Vol III, No 6

Sci - Phys

Jul 59

91, 819

Microstructure of Stresses in Lines of Slip  
and Dislocation, by V. L. Indenbom, G. E.  
Tomilovskiy, 5 pp. M

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,  
No 4, 1958, pp 673-

Amer Inst of Phys  
Sov Phys - Doklady  
Vol III, No 6

Sci - Phys  
Jul 59

AEI/T 1395 91,843

The Reaction of Alkyl Radicals With Nitrogen  
Dioxide, by I. V. Patsevich, A. V. Topchiyev,  
V. Ya. Shtern, 9 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 4,  
1958, pp 696-699.

SLA 59-15508

Sci  
Jan 60  
Vol 2, No 7

104,504

Enzymatic Reduction of Quinone by Glycolic  
Acid, by P. A. Kolesnikov, E. I. Petrochenko,  
S. V. Zore, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,  
No 4, 1958, pp 729-732.

Amer Inst of Biol Sci

Sci - Biol, Chem

Jun 59

89,326

Quinic and Shikimic Acids in Plants, by S. M.  
Manskaya, L. A. Kodina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXIII,  
No 4, 1958, pp 733-.

Amer Inst of Biol Sci

Sci - Biol, Chem

Jun 59

89,327

The Paleogeography of the Eastern Part of the  
Russian Platform at the End of the Tournaisian  
Age, by M. F. Mirchink, R. O. Khachatryan, 4 p.

RUSSIAN, per, Dok Ak Nauk ESSR, Vol CXVIII, No 4,  
1958, pp 737-

CB

Sci  
Feb 60

106,908

The Crystal Structure of Hillebrandite, by  
Kh. S. Mamedov, N. V. Belov, 4 p.

RUSSIAN, per, Dok Ak Nauk BSSR, Vol CXIII, No 4,  
1958, pp 741-.

GB

Sci  
Feb 60

106,930

Esrite Concretions in the Kiev Marl in the  
Donbas, by P. V. Zaritskiy, 4 p.

<sup>2</sup>  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,  
No 4, 1958, pp 744-.

CB

Sci  
Feb 60

106,932

New Data on the Pseudosuchia of the USSR, by  
V. G. Ochev,  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,  
No 4, 1958, pp 749-751.  
NLL RTS 3861  
ON LOAN ONLY

Sci-Ear Sci  
Jul 67

329,177

Changes in Ribonucleic Acid as Related to the  
Activity and Nutrition of the Neurons (as  
Exemplified by Cytochromic Investigations of the  
Ganglion Cells of the Retina). by V. Ya. Brodskiy,  
N. V. Kechayeva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 4,  
1958, pp 756-.

Amer Inst of Biol Sci

Sci - Med

96,160

The Regenerative Power of the Cranial Bone Tissue  
of Warm-Blooded Animals During Postnatal Onto-  
genesis, by N. G. Rogal', V. V. Maksay, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 4,  
1958, pp 760-.

Amer Inst of Biol Sci

Sci - Med

96,164

Changes in the Skeletal Muscle Tissue During  
Training, by K. S. Lobyntsov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 4,  
1958, pp 764.

Amer Inst of Biol Sci

Sci - Med

96,181

Some Questions in the Evaluation of  
Polynomials, by E. G. Belaga.  
RUSSIAN, per, Dok. Akad. Nauk SSSR,  
Vol 125, No 5, 1958, pp 775-777.  
DRB Canada T.398.B.

Sci/B&M  
Aug 65

288,694

Conditions on Discontinuity Surfaces in the  
General Theory of Relativity, by V. A. Skripkin,  
5 p.

RUSSIAN, per, Dok Ak Nauk BSSR, Vol CXLIII,  
No 5, 1958, pp 799-802

Amer Inst of Phys  
Sov Phys-Doklady  
Vol III, No 6

110,053

Sci Mar 60

the On the Evaporation of Solid Globules in a Gas  
Flow, by V. I. Zubkov, # 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,  
No 5, 1958, pp 803-.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol III, No 6

Sci - Phys  
Jul 59

91,840

1

On the Stability of Dynamically Loaded Cylindrical  
Shells, by A. S. Vol'mir, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,  
1958, pp 806-808.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol III, No 6

Sci - Phys  
Jul 59

91,809

The Effect of Nonuniform K Heating on Stress Variation  
in Creep, by B. F. Shorr, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXKIII, No 5,  
1958, pp 809-.

Amer Inst of Phyn  
Sov Phya - Doklady  
Vol III, No 6

Sci - Phys  
Jul 59

91, 8.10

On Certain Questions<sup>S</sup> in the Theory of Radiation  
Transfer and Radiant Heat Exchange in an  
Absorbing Medium, by Yu. A. Surinov, 5 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII,  
No 6, 1958, pp 613.

<sup>5</sup>  
Amer Inst of Phys  
Sov Phys-Doklady  
Vol III, No 6

110,051

Sci

S-5089

(DC-2796).

The Structure and Motions of Large-Scale  
Inhomogeneities in the F<sub>2</sub> Layer of the  
Ionosphere, by V. D. Gusev, L. A. Drachev,  
S. F. Mirkotan, Yu. V. Berezin, M. P.  
Kiyanovskiy, M. V. Vinogradova, T. A. Gaylik,  
5 pp.

RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol  
CXXIII, No 5, Dec 1958, Moscow, pp 817-820.

JPRS-L-1700-D

Sci - Physics, Geophysics Navy 2168-T122  
~~877753~~ June 59 88,903  
Received from Physics  
Sov. Phys. Doklady  
Vol. III, No 6

On a Plane Linear Boundary Value Problem of  
Generalized Hydrodynamics (Theory of the  
Ultrasonic Interferometer), by I. I. Ol'khovskiy,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,  
No 5, 1958, pp 821-824.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol XII, No 6

Sci - Phys  
Jul 59

91, 835

The Electrons That Produce the Hard X-Radiation  
of Powerful Pulsed Discharges, by I. M.  
Podgornyi, N. G. Koval'skiy, V. E. Pal'chikov,  
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,  
1958, pp 825-827.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol III, No 6

Sci - Phys  
Jul 59

91,836

The Faraday Effect and Mott Excitons, by A. G.  
Samolovich, L. I. Korenolit, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,  
1958, pp 828-831.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol III, No 6

Sci - Phys  
Jul 59

91,829

Nonstationary Planar Currents in a Polytopic  
Gas Having Rectilinear Characteristics, by A. F.  
Sidorov, N. N. Yanenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,  
No 5, pp 832-834.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol III, No 6

Sci - Phys  
Jul 59

91,830

Heat Transfer Between the Normal and Superfluid  
Phases of Liquid Helium, by V. T. Khozyainov,  
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,  
1958, pp 835-837.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol III, No 6

Sci - Phys  
Jul 59

91, 831

Dispersion Relations for the Production of  
 $\pi$ -Mesons, by V. Tsellner, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,  
1958, pp 838-.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol III, No 6

Sci - Phys  
Jul 59

91, 832

The Kinetics of the Polycondensation of Acid Chlorides of Dicarboxylic Acids with Difunctional Phenols, by S. V. Vinogradova, V. V. Korshak, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, 1958, Vol CXXIII, No 5, pp 849-852.

SLA 59-15509

Sci  
Oct 59  
Vol 2, No 3

99,925

Problems of the Kinetic Mechanism of the Reaction  
Between ~~the~~ Methane and Nitrogen Peroxide, by  
T. V. Fedorova, et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,  
1958, pp 860-863.

NLL M. 2827

Sci - Chem

Jan 62

180,044

Stability of the Latent Image and Speed in Nuclear  
Photographic Emulsions Sensitized With Triethano-  
lamine, by A. P. Zhdanov, A. L. Kartushanskiy, I. V.  
Ryzhkova, L. I. Shur, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,  
1958, pp 874-877.

*NLL M-2467*  
CIA/SDD XX-717

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics  
Dec 59

USIB INTERNAL USE ONLY

*SLA 60-16061 Under*

*102, 131*

The Nature of the Acidity of Silica-Alumina  
Cracking Catalysts, by K. V. Topchiyeva, I. F.  
Moskovskaya, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 5,  
1958, pp 891-894.

ATS-80L30R

ATS-RJ-1897

Sci - Chem  
Sep 59  
Vol 2, No 1

97, 419

Some Data on the Content and Distribution of Iron  
in the Black Sea, by M. A. Dobrahanskaya, T. I.  
Pshenina,

RUSSIAN, per, Dok. Ak. Nauk SSSR, Vol. CXVIII, No 5,  
1958, pp 895-.

Consultants Bureau

Sci - Chem

Sep 59

96,378

Identity of Histaminase and Diamine Oxidase,  
by E. V. Goryachenkova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,  
No 5, 1958, pp 898-.

Amer Inst of Biol Sci

Sci - Biol, Chem

Jun 59

89,328

A Study of the Influence of Various Inhibitors on  
the Corrosion Cracking of Metals, by S. A. Balezin,  
V. V. Romanov, I. I. Podobayev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,  
1958, pp 902-.

Consultants Bureau

Sci - Geophys

Sep 59

96,719

Cambrian Phosphorite Deposits in the Kandyktas  
Mountains (South Kazakhstan), by K. I.  
Dvortsova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,  
No 5, ~~pp~~ 1958, pp 907-909.

Consultants Bureau

Sci

Fe b 60

New Discoveries of a Paleozoic Fauna in the Little  
Khingian Range (Chinese), by M. S. Nagibina,  
V. N. Krestovnikov, Chang Pu-ch'un, Yu. G. Getinskiy,  
4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5, 1958,  
pp 910-913.

CB

Sub  
Feb 60

106,909

New Data on the Stratigraphy and Lithology of  
the Terrigenous Deposits of the Lower Carboniferous  
of the Middle Volga Basin, by G. I. Teyodorovich,  
R. O. Khachatryan, N. N. Sokolova, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,  
1958, pp 914-5.

CB

Sci  
Feb 60

106,910

The Influence of the Physical and Mechanical  
Properties of Rocks on the Localization of Ores  
in the Kansk Lead-Zinc Deposit, by G. G. Kravchenko,  
4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,  
1958, pp 917-.

CB

Sci  
Feb 60

107,533

Identity of Histaminase and Diamine Oxidase,  
by E. V. Goryachenkova, 4 pp.

A Histoautoradiographic and Histochemical Study of  
the Inclusion of  $P^{32}$  in Nerve Cells, by H. D.  
Gracheva, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,  
1958, pp 937-.

Amer Inst of Biol Sci

Sci - Med

Peculiarities of the Fusion of Nuclei of Sexual  
Cells in the Peanut (*Arachinis hypogaea* L.) by  
S. S. Zmotaylov. 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXIII, No 5,  
1958, pp 941-.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

92,017

Development of Conditioned Motor Reflexes of the  
So-Called Voluntary Type in Month-Old Babies, by  
I. A. Vakhramayeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,  
1958, pp 944-.

Amer Inst of Biol Sci

Sci - Med

96,182

Differentiation of the Gonads in the Karakul  
Sheep Embryo, by K. G. Gazaryan, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,  
1958, pp 948-.

Amer Inst of Biol Sci

Sci - Med

96,161

On the Insolubility of Certain Topological Problems,  
by A. Markov, 7 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6,  
1958, pp 978-980. 9693220  
FTD-TT-64-466

Sci - Math & Data Proc  
Jul 64

263,726

On a Single Particular Solution of Ideal  
Plasticity Theory in Cylindrical Coordinates,  
by D. D. Ivlev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6,  
1958, pp 988-990.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol III, No 6

Sci - Phys  
Jul 59

91, 811

Mixed Boundary Value Problem for an Elastic  
Lamina, by Ye. S. Uflyand, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6,  
1958, pp 991-.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol III, No 6

Sci - Phys  
Jul 59

91, 812

A General Expression for the Phase Density of  
Finite Stationary Axially Symmetric Self-Gravitating  
Stellar Systems and Their Differential Axial  
Rotation, by G. M. Idris, 4 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXVIII, No 6,  
1958, pp 994-.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol III, No 6

Sci - Phys  
Jul 59

91,841

On the Correlation Functions for a System of  
Identical Charged Particles, by V. P. Galaiko,  
L. E. Pargamanik, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,  
No 6, 1958, pp 999-

Amer Inst of Phys  
Sov Phys - Doklady  
Vol III, No 6

Sci - Phys  
Jul 59

91,825

Scattering and Polarization of Light in the  
Atmosphere in the Libyan Desert, by E. V.   
Pyashkovskaya-Pesenkova, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXXII,  
No 6, 1958, pp 1006-1009.

CB

Sci  
Feb 60

106,923

The Steepness of Growing Waves at Different Wind  
Velocities, by V. V. Shuleykin, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,  
No 6, 1958, pp 1010-.

CB

Sci  
Feb 60

105,924

Local and Distance Effects of Whole-Body Roentgen  
Irradiation in the Production of Injury to the  
Ovaries in Mice, by O. N. Petrova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6,  
1958, pp 1018-.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol III, No 6

Sci - Phys  
Jul 59

91,807

Temperature of the Spark-Discharge Channel,  
by M. P. Vanyukov, A. A. Mak, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII,  
No 6, 1958, pp 1022-.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol III, No 6

Sci - Phys  
Jul 59

91, 820

The Realization of Networks for Discrete  
Correctors, by M. A. Gavrilov, V. M. Ostianu,  
V. N. Rodin, B. L. Timofeev, ~~pp.~~ pp.

RUSSIAN, per, Doklady Akad, Nauk, Vol CXXIII,  
No 6, Dec 1958, pp 1025-1028.

Automation Express  
Vol I, No 8  
Internat'l Physical Index

*Am. J. of Phys.  
Sci. Ser. A  
Vol II, 1960*

*Sci*  
Jun 59

*available in 5 Lib*

*90, 4-6*

On Surface Activity of Liquid Metal Coatings and  
Their Effect on Strength of Metals, by N. V. Pertsov,  
P. A. Rebinder, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6, 1958,  
pp 1068-1070.

ACSI H-9320  
ID 2170464

Sci - Min/Metals  
Aug 61

162,940

Synthesis of Coproporphyrin by the Yeast Candida Guilliermondii, by G. M. Shavlovskiy,<sup>A</sup>  
4 pp.

A.M. Bogatchuk

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII,  
No 6, pp 1077-.

Amer Inst of Biol Sci

Sci - Biol, Chem

Jun 59

89,329

On the Age of the Deposits of the Lower Part of  
the Minusinsk Series in Connection with the  
Discovery of *Lepidodendropsis Hirneri* Lutz  
in the Sanokhval Formation, by A. R. Anan'ev,  
Yu. V. Mikhailova, 6 p.

RUSSIAN, per, *Dok Ak Nauk SSSR*, Vol CXXIII,  
No 6, 1958, pp 1081-1084.

CB

Sci  
Feb 60

106,911

Stages in the Formation of and Changes in the  
Terrigenous Rocks as Illustrated in the Study of  
the Novo-Minskaya Bore (Near-Ruban Lowland), by  
M. M. Veselovskaya and M. A. Yaseneva, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXKIII, No 5,  
1958, pp 1085-1088.

CB

Sci  
Feb 60

106,912

The Regularity of Construction of River Floodplains  
in the Pre-Caucasus and Their Importance in the  
Analysis of Recent Tectonic Movements, by S. K.  
Goralov, 4 p.

RUSSIAN, par, <sup>K</sup> Doz Ak Nauk SSSR, Vol CHEIII, No 6,  
1958, pp 1089-1091.

CB

Sci  
Feb 60

106,913

New Data on the Stratigraphy of the Lower  
Cambrian of the Mariinsk Raiga, by I. T.  
Zhuravleva, L. N. Repina, V. V. Khomentovskiy,  
4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIYI, No 6,  
1958, pp 1092-1094.  
5

CB

Sci  
Feb 60

106,914

On the Lower Silurian Deposits of Southeast  
Transbaikalia, by V. N. Kozarenko, A. A. Lokerman,  
& p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 6,  
1958, pp 1096-1099.

CB

Sci  
Feb 60

106,915

The <sup>p</sup>Permian Deposits of the Chiron Field (East  
Transbaikalia), by M. N. Kulikov, M. I.  
Tulokhonov, 4 p.

RUSSIAN, per, Dok Ak-Nauk SSSR, Vol CXXIII, No 6,  
1958, pp 1100-1103.

GB

Sci  
Feb 60

106,916

Recent Tectonic Movements of the Alai Depression  
and the Surrounding Mountains, by G. I. Reizner,  
4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6,  
1958, pp 1104-.

CB

~~JPRS 66-228~~

Sci  
Feb 60

106,917

The Paganites of Central Kazakhstan, by  
S. D. Dmitryev, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 6,  
1958, pp 1108-.

CB

Sci  
Feb 60

107,534

The Preoptichypophysial Neurosecretory System in  
Sturgeon, by A. L. Polenov, I. A. Barannikova, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6,  
1958, pp 1117-1120.

Amer Inst of Biol Sci

Sci - Med

96,169

The Structure of the Synapses<sup>S/</sup> in the Reticular Formation  
of the Cat Medulla, by Sh. A. Khidrogluyan, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6,  
1958, pp 1121-.

Amer Inst of Biol Sci

Sci - Med

96,170

Gibberellin-Like Substances Formed by Soil Yeasts,  
by N. A. Krasil'nikov, M. Kh. Chaylakhyan, I. V.  
Aspyeva, L. P. Khlopenkova. 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6,  
1958, pp 1124-.

Amer Inst of Biol Sci

Sci - Biol

~~Sci - Biol~~ 2

Jul 59

Jul 59

92,013

Something New in Barley Fertilization, by M.  
Klyucharova. 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CSSIII, No 6,  
1958, pp 1128-  
XX

Amer Inst of Biol Sci

Sci - Biol

Jul 59

92,019

Concerning Synaptic Junctions in the Nervous  
System of the Intestine of Cyclostomes, by A. A.  
Milokhin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 6,  
1958, pp 1131-.

Amer Inst of Biol Sci

Sci - Med

96,173

Rate of Phosphorus Exchange in the Carbohydrate  
and Lipoprotein Fractions During Mysteriosis, by  
L. A. Kalchev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXIII, No 6,  
1958, pp 1133-1136.

Amer Inst of Biol Sci

Sci - Med

96,183

Secretion of Milk in Goats After Complete Severance  
of the Spinal Cord, by G. B. Tverskoy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6,  
1958, pp 1137-.

Amer Inst of Biol Sci

Sci - Med

96,184

DOKLADY AN SSSR, GEOKHIMIYA, GEOFIZIKA,  
PETROGRAFIYA, MINERALOGIYA, GIDROGEO-  
LOGIYA, LITOLOGIYA, OKEANOLOGIYA  
(Doklady Earth Science Sections: Geo-  
chemistry, Geology, Geophysics, Petro-  
graphy, Mineralogy, Hydrogeology, Pale-  
ontology, Lithology, Oceanology - bimonthly)  
Translation Begins with 1959,  
Vols. 124-129  
Lag time: ca. 6 months  
Order from: American Geological Institute  
Translations Office  
2201 M Street, N.W.  
Washington, D.C. 20037  
1971: \$ 125.00 volume year  
\$ 25.00 single issues

5

**NTC**

**DOKLADY AKADEMII NAUK SSSR**

1959 V125 P765-766	70-20974 (*)	1959
1959 V125 N5 P1057-1060	70-20975 (*)	1959
1959 V126 N6 P1216-1219	70-20976 (*)	1959
1959 V127 N2 P302-305	70-20977 (*)	1959
1959 V127 N2 P321-327	70-20978 (*)	1959
1959 V127 N4 P612	70-20979 (*)	1959
1959 V127 N5 P1027-1028	70-20980 (*)	1959
1959 V127 N5 P1029-1032	70-20981 (*)	1959
1959 V128 N5 P956-959	70-10936-07C (*)	1959
1959 V129 P166-171	70-20992 (*)	1959
1959 V129 N2 P349-350	70-12658-07C (*)	1959
1960 V134 N6 P1378-1380	70-20982 (*)	1960
1960 V135 N1 P129-132	70-20983 (*)	1960
1960 V135 N2 P327-330	70-20984 (*)	1960
1960 V135 N3 P1164-1167	70-21030 (*)	1960

On the Structure of a Ring of Rapidly Decreasing  
Functions on a Lie Group, by I. M. Gel'fand, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1,  
1959, pp 19-21.

SIA 59-14685

Sci - Engineering

Sep 59

Vol II, No 2

98,653

Solvability of Nonstationary Magnetohydrodynamic  
Problems, by O. A. Ladyzhenskaya, V. A. Solonnikov,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 1,  
1959, pp 26-28.

MDF-L-124

Sci  
Nov 59

101, 147

On Algorithms and Programming for Playing at  
Dominoes, by Iu. A. Pervin, 5 pp.

RUSSIAN, per, Doklady Akad. Nauk, Vol. CXXIV,  
No 1, 1959, pp 31-33.

Automation Express  
Vol I, No 8  
Internat'l Physical Index

*Sci*  
Jun 59

AVAILABLE BR 5

LIBRARY 90.427

On the Impossibility of Eliminating the Trials of  
all Functions in  $P_2$  in Solving Certain Problems in  
the Theory of Networks, by S. V. Yablonskiy,

RUSSIAN, par, Dok Ak Nauk, Vol CXXIV, No 1,  
Jan 1959, pp 44-47.

Internatl Physical Index  
Automation Express  
Vol I, No 10

Sci

93, 873

Aug 59

On Modeling the Movement of a Massive Solid Body  
Under the Influence of a Shock Wave, by S. S.  
Grigoryan, A. G. Sokolsov, Yu. I. Spasibukhov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1, 1959  
pp 48-.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol IV, No 1

Sci - Phys

97,076

Formed Elements of the Haemolymph of Ixodid Ticks,  
by V. Tsvileneva.  
RUSSIAN, per, Doklady Akademii Nauk Tadzhikskoi  
SSR, Vol 2, No 1, 1959, pp 45-51.  
(CSIRO/No. 7179)

Sci -  
Aug 67

339,895

On Solutions to the Equations of Magnetogasdynamics  
with Zero Temperature Gradient, by V. P. Korobeinikov,  
E. V. Ryazanov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1, 1959  
pp 51-.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol IV, No 1

Sci - Phys

MD F-K-190  
97,066

On the Dissipation of Hydrogen from Planetary  
Atmospheres, by E. K. Byunter, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1, 1959  
pp 53--.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol IV, No 1

Sci - Phys

97,059

The Propagation of an Approximately Spherical  
Heat Front, by R. M. Zaidel', O. S. Ryshov,  
E. I. Andrsankin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1, 1959  
pp 57-.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol IV, No 1

Sci - Phys

97,073

On a Method of Investigation of Secondary Ion Processes at High Target Temperatures in the Presence of Thermoelectric Emission, by  $Z^U$ . A. Arifov, A. Kh. Ayukhanov, S. V. Starodubtsev, Kh. Kh. Khadzhiakhamedov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 1, 1959  
pp 60-62.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol IV, No 1

Sci - Phys

97,080

Determination of Hyperon and K-meson Parities, by  
G. M. Bilen'kiy, R. M. Ryndin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1, 1959  
pp 63-65.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol IV, No 1

Sci - Phys

97,081